

INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/KR03/00837
A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G06K 19/077

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

(IPC7) G06K, B42D, G09F, H01L, H02P, H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

KIPONET

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	1. JP 11-11057 (ROHM CO LTD.) 19 Jan. 1999 See the whole documents	4
A	2. JP 11-111743 (HITACHI CHEM CO LTD.) 23 April 1999 See the whole documents	4
A	3. WO 97-34247 (PAV CARD GMBH) 18 Sep. 1997 See the whole documents	2
A	4. WO 98-43205 (GEMPLUS CARD INT.) 1 Oct. 1998 See the whole documents	2
A	5. JP 08-16746 (FUJITSU LTD.) 19 Jan. 1996 See the whole documents	1,2,3
A	6. JP 13-005934 (DAINIPPON PRINTING CO LTD.) 12 Jan. 2001 See the whole documents	4
A	7. DE19709985 (Pav card GMBH) 17. Sep. 1998 See the abastract	2

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

23 JULY 2003 (23.07.2003)

Date of mailing of the international search report

25 JULY 2003 (25.07.2003)

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